

Title (en)
HIV PEPTIDES, ARTIFICIAL HIV ANTIGENS AND IMMUNOASSAY KITS

Title (de)
HIV-PEPTIDE, KÜNSTLICHE HIV-ANTIGENE UND IMMUNTESTSÄTZE

Title (fr)
PEPTIDE DE VIH, ANTIGENES ARTIFICIELS DE VIH ET KITS D'IMMUNODOSAGE

Publication
EP 0396559 B1 19960814 (EN)

Application
EP 88909626 A 19881027

Priority
• SE 8800570 W 19881027
• SE 8704185 A 19871028

Abstract (en)
[origin: US5981170A] PCT No. PCT/SE88/00570 Sec. 371 Date Jun. 22, 1990 Sec. 102(e) Date Jun. 22, 1990 PCT Filed Oct. 27, 1988 PCT Pub. No. WO89/03844 PCT Pub. Date May 5, 1989An artificial peptide having an amino acid sequence which corresponds to a naturally occurring amino acid sequence of a HIV comprising an epitope and which further has two cysteine residues located on each side of said epitope, and further having a sulphur bridge between said two cysteine residues, which has been formed by a chemical oxidation step, is described. Furthermore, an artificial antigen which reacts with antibodies induced by a HIV is described. Said antigen mainly consists of an artificial peptide according to the invention. Additionally, a method of detecting antibodies induced by a HIV in a sample of body fluid, wherein said sample is subjected to an immunoassay, especially ELISA, and wherein an artificial antigen according to the invention is used as a diagnostic antigen, is described. A diagnostic immunoassay kit for said method is also described. Finally, a vaccine composition comprising, as an immunizing component, at least one antigen according to the invention, is described.

IPC 1-7
C07K 7/04; **G01N 33/569**; **A61K 39/21**

IPC 8 full level
G01N 33/53 (2006.01); **A61K 38/00** (2006.01); **A61K 39/21** (2006.01); **A61P 31/12** (2006.01); **A61P 31/18** (2006.01); **C07K 1/113** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/00** (2006.01); **C07K 14/155** (2006.01); **C07K 14/16** (2006.01); **C07K 17/08** (2006.01); **C07K 17/14** (2006.01); **G01N 33/569** (2006.01)

CPC (source: EP US)
A61P 31/12 (2018.01 - EP); **A61P 31/18** (2018.01 - EP); **C07K 14/005** (2013.01 - EP US); **C12N 2740/16122** (2013.01 - EP US)

Citation (examination)
• JOURNAL OF IMMUNOLOGY, vol. 137, no. 9, 01 November 1986; J.S. McDOUGAL et al., pp. 2937-2944
• JOURNAL OF GENERAL VIROLOGY, vol. 68, 1987; G. WINKLER et al., pp. 2239-2244

Cited by
US7094757B2; US7094884B2; US6962982B2; US7244575B2; EP2267452A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 8903844 A1 19890505; AT E141286 T1 19960815; DE 3855479 D1 19960919; DE 3855479 T2 19970102; DK 104590 A 19900626; DK 104590 D0 19900427; EP 0396559 A1 19901114; EP 0396559 B1 19960814; FI 902143 A0 19900427; IL 88224 A0 19890630; JP 2818797 B2 19981030; JP 3231666 B2 20011126; JP H03500648 A 19910214; JP H10101697 A 19980421; NO 302369 B1 19980223; NO 901899 D0 19900427; NO 901899 L 19900427; SE 8704185 D0 19871028; SE 8704185 L 19890429; US 5981170 A 19991109

DOCDB simple family (application)
SE 8800570 W 19881027; AT 88909626 T 19881027; DE 3855479 T 19881027; DK 104590 A 19900427; EP 88909626 A 19881027; FI 902143 A 19900427; IL 8822488 A 19881028; JP 20944197 A 19970804; JP 50889388 A 19881027; NO 901899 A 19900427; SE 8704185 A 19871028; US 47399490 A 19900622